

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for QUERCETIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus esculentus	Flower	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Abelmoschus moschatus	Flower	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Abutilon theophrasti	Root	--	--		Paszkowski, W. L., Kremer, R. J. 1988. Biological Activity and Tentative Identification of Flavonoid Components in Velvetleaf (Abutilon theophrasti Medik.) Seed Coats. J. Chem. Ecol., 14(7): 1573-1582.
Abutilon theophrasti	Flower	--	--		Matlawska, I. 1990. Investigation of Flavonoid Compounds of Selected Species from Malvaceae Family. Herba Pol., 36(3): 65-69.
Abutilon theophrasti	Leaf	--	--		Matlawska, I. 1990. Investigation of Flavonoid Compounds of Selected Species from Malvaceae Family. Herba Pol., 36(3): 65-69.
Acacia catechu	Plant	--	--		--
Acacia nilotica	Plant	--	--		--
Acacia senegal	Plant	--	--		--
Achillea millefolium	Plant	--	--		Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in Achillea millefolium L. (Asteraceae). Economic Botany 48(2): 111-120, 1994.
Acinos suaveolens	Shoot	430	430	1.4131601686191924	Jim Duke's personal files.
Actinidia chinensis	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Aesculus hippocastanum	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Aesculus hippocastanum	Seed	--	--		Jim Duke's personal files.
Agathosma betulina	Plant	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Ageratum conyzoides	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Agrimonia eupatoria	Shoot	--	--		--
Agrimonia eupatoria	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Ailanthus altissima	Leaf	--	--		--
Albizia lebbek	Leaf	--	--		Wealth of India.
Allium cepa	Bulb	0	48100	1	--
Allium sativum var. sativum	Bulb	0.08	200	-1	--
Allium schoenoprasum	Leaf	4	9	-0.3518851560841334	--
Alpinia officinarum	Rhizome	--	--		--
Althaea officinalis	Leaf	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Althaea officinalis	Root	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ammi majus	Leaf	--	--		--
Ammi visnaga	Plant	--	--		--
Anastatica hierochuntica	Plant	--	--		--
Anemone pulsatilla	Leaf	--	--		--
Anethum graveolens	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
Anogeissus latifolia	Plant	--	--		--
Apium graveolens	Pt	--	0		--
Arachis hypogaea	Plant	--	--		--
Araucaria bidwillii	Flower	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Arctostaphylos uva-ursi	Leaf	--	--		--
Ardisia japonica	Plant	--	--		--
Armoracia rusticana	Leaf	--	--		Abstract (See species file)
Artemisia annua	Plant	--	--		--
Artemisia dracunculus	Shoot	--	--		--
Artocarpus altilis	Leaf	--	--		--
Asimina triloba	Leaf	--	--		--
Aspalathus linearis	Plant	--	7.5	-1	--
Aspalathus linearis	Shoot	--	1.3	-0.7538426844404754	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Asparagus officinalis</i>	Root	--	--		--
<i>Astragalus membranaceus</i>	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Avena sativa</i>	Hay	310	310		--
<i>Azadirachta indica</i>	Flower	1000	1000	0.9439875157035426	--
<i>Azadirachta indica</i>	Leaf	--	--		--
<i>Barosma betulina</i>	Plant	--	--		--
<i>Basella alba</i>	Plant	--	--		--
<i>Berberis vulgaris</i>	Plant	--	--		--
<i>Beta vulgaris</i>	Plant	--	--		--
<i>Borago officinalis</i>	Plant	--	--		Jim Duke's personal files.
<i>Brassica oleracea</i>	Shoot	20	20	-0.6593174841787172	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf	--	--		--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Flower	--	6	-1.4106513565908647	--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	2	100	-0.35041307015361245	Jim Duke's personal files.
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Sprout Seedling	25	25		Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf	--	--		Stitt, Paul. Why George should eat broccoli.
<i>Brassica oleracea</i> var. <i>sabellica</i> l.	Leaf	7	50	-0.3512219085769756	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Caesalpinia pulcherrima	Flower	--	--		--
Calendula officinalis	Plant	--	--		--
Camellia sinensis	Leaf	--	10000	-0.19026306232771106	--
Camellia sinensis	Plant	--	--		--
Camellia sinensis	Shoot	--	--		--
Camptotheca acuminata	Leaf	--	--		--
Capparis spinosa	Flower	--	--		--
Capsicum frutescens	Fruit	63	63	-0.4638273342549432	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Carum carvi	Fruit	--	--		--
Carum carvi	Seed	--	--		--
Carum carvi	Leaf	--	--		--
Carum carvi	Flower	--	--		--
Castanea sativa	Bark	--	--		--
Castanea sativa	Leaf	--	--		--
Castanea sativa	Wood	--	--		--
Catharanthus roseus	Plant	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Cedrus deodora	Stem Bark	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ceiba pentandra	Leaf	--	--		--
Centaurea calcitrapa	Plant	--	--		--
Centaurea cyanus	Shoot	--	--		Jim Duke's personal files.
Centella asiatica	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Ceratonia siliqua	Fruit	--	--		Wealth of India.
Cichorium endivia	Leaf	--	--		--
Cichorium intybus	Plant	--	--		--
Cichorium intybus	Seed	--	1		--
Cinnamomum camphora	Plant	--	--		--
Citrus limon	Flower	--	--		--
Citrus paradisi	Fruit	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus sinensis	Fruit	--	3.4	-0.7856446697799095	Jim Duke's personal files.
Commiphora wightii	Flower	--	--		Jim Duke's personal files.
Consolida ajacis	Flower	--	--		--
Coriandrum sativum	Fruit	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Coriandrum sativum	Shoot	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Coriandrum sativum	Leaf	--	--		--
Coriaria myrtifolia	Leaf	--	--		--
Coriaria thymifolia	Plant	--	--		--
Cornus florida	Flower	--	--		--
Cornus mas	Leaf	--	--		Bate-Smith, E. C., Ferguson, I. K., Hutson, K., Jensen, S. R., Nielsen, B. J., Swain, T. 1975. Phytochemical Interrelationships in the Cornaceae. Biochem. Syst. Ecol., 3: 79.
Corylus avellana	Bark	--	--		--
Crataegus cuneata	Fruit	--	--		--
Crataegus laevigata	Flower	--	--		--
Crataegus laevigata	Shoot	--	--		--
Crataegus laevigata	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Crataegus monogyna	Plant	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Crataegus monogyna	Inflorescence	--	--		--
Crataegus monogyna	Leaf	--	20	-0.3517072116309935	--
Crataegus monogyna	Flower	--	--		--
Crataegus rhipidophylla	Flower	--	--		--
Crataegus rhipidophylla	Shoot	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Crataegus rhipidophylla</i>	Inflorescence	--	--		--
<i>Crocus sativus</i>	Flower	--	--		Abstract (See species file)
<i>Cucurbita pepo</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Curcuma longa</i>	Rhizome	90	95	-1	--
<i>Cyamopsis tetragonoloba</i>	Fruit	--	--		Daniel, M. 1989. Polyphenols of Some Indian Vegetables. <i>Curr Sci</i> , 58(23): 1332-1334.
<i>Cymbopogon citratus</i>	Plant	--	--		--
<i>Cynara cardunculus</i>	Leaf	--	--		Jim Duke's personal files.
<i>Cytisus scoparius</i>	Plant	--	--		--
<i>Daucus carota</i>	Seed	--	--		--
<i>Diospyros virginiana</i>	Plant	--	--		--
<i>Dodonaea viscosa</i>	Plant	--	--		--
<i>Drimys winteri</i>	Leaf	--	--		--
<i>Echinacea angustifolia</i>	Leaf	--	--		Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Echinacea purpurea</i>	Leaf	--	--		Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Echinacea</i> spp	Leaf	--	--		<i>Economic & Medicinal Plant Research</i> , 5: 253.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Elaeagnus angustifolia</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Equisetum arvense</i>	Plant	--	--		Jim Duke's personal files.
<i>Equisetum arvense</i>	Sprout Seedling	--	--		Jim Duke's personal files.
<i>Eriobotrya japonica</i>	Plant	--	--		--
<i>Eucalyptus globulus</i>	Leaf	--	--		--
<i>Eucalyptus globulus</i>	Stem Bark	--	0.3		--
<i>Eucommia ulmoides</i>	Leaf	--	--		--
<i>Eupatorium perfoliatum</i>	Plant	--	--		--
<i>Euphorbia hirta</i>	Plant	--	--		--
<i>Euphorbia lathyris</i>	Leaf	--	--		--
<i>Euphrasia officinalis</i>	Plant	--	--		--
<i>Fagopyrum esculentum</i>	Plant	--	--		--
<i>Fagopyrum esculentum</i>	Testa	--	25		--
<i>Fagopyrum esculentum</i>	Seed	--	--		--
<i>Fagopyrum esculentum</i>	Sprout Seedling	--	--		--
<i>Ficus carica</i>	Plant	--	--		--
<i>Filipendula ulmaria</i>	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Foeniculum vulgare	Fruit	--	--		--
Foeniculum vulgare	Seed	--	--		--
Foeniculum vulgare	Leaf	--	--		Jim Duke's personal files.
Forsythia suspensa	Flower	--	--		--
Fragaria spp	Leaf	--	--		--
Galega officinalis	Shoot	--	--		--
Geranium thunbergii	Leaf	--	--		--
Ginkgo biloba	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ginkgo biloba	Tissue Culture	--	--		Jim Duke's personal files.
Glycine max	Plant	--	--		--
Glycine max	Shoot	--	--		--
Glycyrrhiza glabra	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Glycyrrhiza glabra	Shoot	--	--		--
Glycyrrhiza glabra	Root	--	--		--
Glycyrrhiza uralensis	Leaf	--	7	-0.3519175096210679	--
Gossypium sp	Plant	--	--		--
Guazuma tomentosa	Flower	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Haematoxylum campechianum	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Hamamelis virginiana	Leaf	--	--		--
Helianthus annuus	Flower	100	400	-0.4773236748162204	--
Helianthus annuus	Leaf	60	210	-0.34863362562221356	--
Hibiscus rosa-sinensis	Plant	--	--		J.S. Glasby Dict.PIs Containing 2ndary Metabolite. 1991.
Hippophae rhamnoides	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Holarrhena pubescens	Leaf	--	--		--
Houttuynia cordata	Plant	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Humulus lupulus	Plant	--	--		--
Hydrangea arborescens	Root	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Hypericum perforatum	Plant	--	20000	1	--
Hypericum perforatum	Shoot	--	--		--
Hypericum perforatum	Leaf	--	--		--
Hypericum perforatum	Stem	--	--		--
Hypericum perforatum	Flower	--	1000	0.9439875157035426	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Inula helenium	Inflorescence	--	--		--
Ipomoea batatas	Root	--	--		--
Isatis tinctoria	Plant	--	--		--
Juglans nigra	Leaf	--	--		--
Juglans regia	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Juniperus communis	Leaf	--	--		--
Kalanchoe pinnata	Leaf	--	--		--
Kalanchoe spathulata	Leaf	--	--		--
Lactuca sativa	Plant	--	--		--
Laurus nobilis	Leaf	--	--		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ledum palustre	Leaf	--	--		--
Leonurus cardiaca	Plant	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Ligustrum japonicum	Flower	--	--		--
Ligustrum lucidum	Fruit	--	--		--
Lippia dulcis	Plant	--	--		--
Ludwigia adscendens	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ludwigia perennis	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Lycium chinense	Leaf	--	--		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Lycopersicon esculentum	Fruit	--	--		--
Maclura pomifera	Wood	--	--		Smith, J. L. and Perino, J. V. 1981. Osage Orange (Maclura pomifera): History and Economic Uses. Economic Botany 35(1): 24-41
Maclura pomifera	Fruit	270	520	2.0037988794180372	--
Maclura pomifera	Bark	--	14		--
Maclura pomifera	Root	360	1130		--
Magnolia denudata	Plant	--	--		--
Magnolia kobus	Plant	--	--		--
Magnolia officinalis	Plant	--	--		--
Malus domestica	Pericarp	58	263	1	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Malus domestica	Heart Wood	--	--		--
Malus domestica	Fruit	2.5	41	-0.582618968173555	--
Mangifera indica	Plant	--	--		--
Maranta arundinacea	Leaf	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Marrubium vulgare	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Matricaria recutita	Plant	--	--		Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of Glycyrrhiza-glabra. Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
Medicago sativa	Flower	--	--		--
Melia azedarach	Plant	--	--		--
Melilotus officinalis	Leaf	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Melilotus officinalis	Flower	--	--		--
Menyanthes trifoliata	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Moringa oleifera	Flower	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Moringa oleifera	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Morus alba	Plant	--	--		--
Musa x paradisiaca	Fruit	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Musa x paradisiaca	Plant	--	--		Stitt, Paul. Why George should eat broccoli.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Myristica fragrans	Plant	--	--		--
Nelumbo nucifera	Flower	--	--		--
Nerium oleander	Leaf	--	--		--
Nicotiana tabacum	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ocimum basilicum	Leaf	--	--		--
Oenothera biennis	Herb	--	--		--
Oenothera biennis	Leaf	91000	207000	2.9965603257230544	--
Olea europaea	Stem	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ononis spinosa	Shoot	--	--		Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
Origanum vulgare	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
Origanum vulgare	Leaf	--	--		--
Paeonia lactiflora	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Paeonia moutan	Leaf	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Paeonia suffruticosa</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Panax notoginseng</i>	Root	--	--		--
<i>Passiflora incarnata</i>	Leaf	--	--		Jim Duke's personal files.
<i>Pastinaca sativa</i>	Leaf	--	--		--
<i>Perilla frutescens</i>	Leaf	--	--		Abstract (See species file)
<i>Persea americana</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Petasites hybridus</i>	Leaf	--	--		Wichtl, M. 1984. Teedrogen. Ein Handbuch für Apotheker und Ärzte. Wissenschaftliche Verlagsgesellschaft. mbH Stuttgart. 393 pp.
<i>Petroselinum crispum</i>	Plant	--	--		Stitt, Paul. Why George should eat broccoli.
<i>Petroselinum crispum</i>	Tissue Culture	--	--		--
<i>Petroselinum crispum</i>	Leaf	--	--		--
<i>Phoenix dactylifera</i>	Pollen Or Spore	--	--		Abstract (See species file)
<i>Phyllanthus emblica</i>	Tissue Culture	--	11850		--
<i>Phyllanthus niruri</i>	Plant	--	--		--
<i>Pimpinella anisum</i>	Seed	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pinus mugo	Wood	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus sylvestris	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pinus sylvestris	Leaf	--	--		--
Piper nigrum	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Pistacia lentiscus	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Plumeria acutifolia	Flower	--	--		--
Podophyllum hexandrum	Rhizome	5600	12000	1	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Podophyllum peltatum	Resin, Exudate, Sap	50000	50000		--
Podophyllum pleianthum	Rhizome	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Polygonum aviculare	Plant	--	--		--
Polygonum hydropiper	Plant	--	--		--
Polygonum hydropiperoides	Plant	--	--		--
Populus tacamahacca	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Prosopis juliflora	Plant	--	--		--
Prunella vulgaris	Flower	--	--		--
Prunus armeniaca	Plant	--	--		--
Prunus armeniaca	Fruit	--	--		--
Prunus cerasus	Fruit	--	--		--
Prunus domestica	Plant	--	--		--
Prunus dulcis	Plant	--	--		--
Prunus laurocerasus	Plant	--	--		--
Prunus persica	Plant	--	--		--
Prunus serotina	Plant	--	--		--
Prunus spinosa	Flower	--	--		--
Psidium cattleianum	Plant	--	--		--
Psidium guajava	Leaf	--	200	-0.3487953933068862	--
Psidium guajava	Root	--	--		--
Psidium guajava	Flower	--	--		--
Psidium guajava	Heart Wood	--	--		--
Psidium guajava	Fruit	--	--		--
Pteridium aquilinum	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pueraria montana	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pueraria montana	Flower	--	--		--
Pueraria montana	Root	--	--		--
Punica granatum	Plant	--	--		--
Punica granatum	Fruit	--	--		--
Punica granatum	Leaf	--	--		--
Punica granatum	Pericarp	--	--		Seeram, N. P., Schulman, R. N., and Heber, D., eds. 2006. Pomegranates - Ancient Roots to Modern Medicine. Taylor & Francis. Boca Raton, FL. 244 pp.
Pyrus communis	Pericarp	28	28	-1	--
Quercus alba	Bark	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Quercus infectoria	Leaf	--	--		--
Quercus robur	Bark	--	--		--
Quercus velutina	Plant	--	--		--
Rhododendron dauricum	Plant	--	--		--
Rhus coriaria	Leaf	--	--		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rhus toxicodendron	Plant	--	--		--
Ribes nigrum	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Ribes nigrum	Fruit Juice	--	--		--
Ricinus communis	Plant	--	--		--
Rosa damascena	Flower	--	--		--
Rosa spp	Fruit	--	--		--
Rubus idaeus	Juice	--	--		--
Rumex acetosa	Fruit	--	--		--
Rumex crispus	Leaf	--	--		--
Ruta graveolens	Plant	--	--		--
Salix alba	Bark	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Sambucus canadensis	Fruit	--	--		--
Sambucus nigra	Leaf	--	--		--
Sanguisorba minor	Plant	--	--		--
Sanguisorba officinalis	Plant	--	--		--
Schinus molle	Leaf	--	--		--
Schinus terebinthifolius	Plant	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Senna occidentalis	Root	--	--		--
Silybum marianum	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Silybum marianum	Fruit	--	--		--
Solanum tuberosum	Flower	--	--		--
Solidago gigantea	Leaf	--	--		--
Solidago gigantea	Flower	--	--		--
Solidago virgaurea	Leaf	--	--		--
Sophora japonica	Plant	--	--		--
Sorbus aucubaria	Fruit	--	--		--
Spartium junceum	Plant	--	--		--
Spinacia oleracea	Leaf	1	19	-0.35172338839946077	--
Syzygium aromaticum	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Tabebuia impetiginosa	Heart Wood	--	--		--
Tagetes minuta	Shoot	--	--		--
Tagetes patula	Plant	--	--		--
Tanacetum vulgare	Plant	--	--		--
Taraxacum officinale	Flower	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Terminalia catappa	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Terminalia chebula	Fruit	--	--		Polovyanov, G. G. 1974. Flavonoids from the Fruit of the Yellow Myrobalan Plum. Chem. Nat. Comp. 10 (5): 690-.
Terminalia ivorensis	Bark	--	--		--
Terminalia ivorensis	Stem Bark	--	--		Iwu, M. M., Anyanwu, B. N. 1982. Anti-Inflammatory and Anti-Arthritic Properties of Terminalia ivorensis. Fitoterapia 53: 25-34.
Teucrium botrys	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium montanum	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Teucrium scordium	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Theobroma cacao	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thespesia populnea	Flower	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Thevetia peruviana	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Tilia sp.	Flower	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tribulus terrestris	Flower	--	--		--
Tridax procumbens	Flower	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Trifolium pratense	Flower	--	--		--
Trigonella foenum-graecum	Seed	--	--		Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
Trigonella foenum-graecum	Plant	--	--		--
Trigonella foenum-graecum	Leaf	--	--		--
Trigonella foenum-graecum	Flower	--	--		--
Triticum aestivum	Plant	--	--		--
Tussilago farfara	Leaf	--	--		--
Uncaria catechu	Bulb	--	--		--
Urginea maritima	Bulb	--	--		--
Urtica dioica	Inflorescence	--	--		Jim Duke's personal files.
Urtica dioica	Plant	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Vaccinium corymbosum	Plant	--	--		--
Vaccinium macrocarpon	Fruit	100	250	0.5459015540532566	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vaccinium myrtillus	Leaf	--	--		--
Vaccinium vitis-idaea	Leaf	--	--		--
Valeriana officinalis	Plant	--	--		--
Viburnum opulus	Leaf	--	--		--
Vigna radiata	Sprout Seedling	--	--		--
Viola odorata	Plant	--	--		--
Viola tricolor	Flower	--	--		--
Vitis vinifera	Fruit	0.5	16	-0.7176094612628865	--
Vitis vinifera	Leaf	--	--		--
Withania somnifera	Leaf	--	--		--
Zea mays	Plant	--	--		--
Zea mays	Pollen Or Spore	--	--		--
Zingiber officinale	Plant	--	--		Stitt, Paul. Why George should eat broccoli.